

APPENDIX: HILLCREST SUSTAINABILITY IMPLEMENTATION (10/28/21 Draft)

Aspect of Sustainability	Sub-topic	Issue	In Master Plan	In Other Regulations	Community Priority #	Supported by Policy: CP = Comp Plan CARP = Climate Adaptation and Resiliency Plan	LEED for Communities Prerequisite (P) or Credit (C)	LEED New Construction (NC)	Private Covenants (Final TBD by Port)
Ecological Systems	Habitat	Tree Canopy	Sustainability Chapter (S)		1	CP: LU-19, LU-"The Urban Forest", PR-19, WR-6		EQ and SS Credits	TBD
		Native and Regionally Adaptive Plantings	S			CP: H-14, PR-19, PR-20		EQ and SS Credits	TBD
		Wildlife Corridors and Green Connections	S				NS Prerequisite: Ecosystem Assessment, NS Prerequisite: Green Spaces	SS Credits: Protect or Resotre Habitat and Open Space	
	Water Resources	Green Infrastructure	S			CP: PR-19	WE Prerequisite: Stormwater Management	WE and SS: Prerequisites and Credits	
		Wetland Protection and/or Mitigation		RWMWD, Wetland Conservation Act		CP: CA- "Native Plant Communities and Significant Existing Vegetative Stands", Map CA-6	NS Prerequisite: Ecosystem Assessment, NS Credit: Natural Resources Conservation and Restoration	WE, LT, and SS Credits	
		Pollution Mitigation		RWMWD, MPCA		CP: WR-6	TR Credit: High Priority Sites	SS Prerequisites and Credits	
	Air Quality	Develop Mature Vegetation	S		1	CP: H-14,		EQ and SS Credits	TBD
		Selective Mature Tree Canopy	S	City Forester review during site plan review process			NS Prerequisite: Ecosystem Assessment	EQ and SS Credits	
		Pollution Mltigation	S			CP: H-14,	QL Credit: Public Health	EQ Prerequisite and Credits	
		Multimodal Transportation Support	Transportation Chapter (T)		2, 6, 8, 9	CARP: pp. 55-59; CP: PR-17, T-3, T-22, T-24, T-27	TR Credit: Compact, Mixed Use, and Transit Oriented Development, TR Credit: Walkability & Bikeability, TR Credit: Access to Quality Transit, TR Credit: Alternative Fuel Vehicles, TR Credit: Smart Mobility & Transportation Policy	LT Prerequisite and Credits	
	Soil Quality	Stormwater Infrastructure	S			CP: PR-19	WE Prerequisite: Stormwater Management	SS Prerequisites and Credits	
		Non-turf Vegetative Cover	S		1	CP: H-14, PR-32		SS Credit: Rainwater Management	TBD
		Pollution Mitigation		MPCA		CP: WR-6	TR Credit: High Priority Sites	SS Prerequisites and Credits	
		Limited Impervious Surfaces	S	Find in ZC			NS Prerequisite: Green Spaces	SS Credit: Rainwater Management	

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Resource Use	Reduced Embodied Carbon	Use of Regional, Recycled, and/or Renewable Materials	S			CARP: WR-6	MR Credit: Responsible Sourcing for Infrastructure	MR Prerequisite and Credits	
		Efficient Building Strategies	S	SBO*		CARP	EN Credit: Energy Efficiency	MR Credit: Building Life-Cycle Impact Reduction	Covenants
	Net-Zero to Net-Positive Energy	On-site Renewable Energy Production (Solar)	S			CARP	EN Credit: Renewable Energy	EA Credit: Renewable Energy	Covenants
		Energy Use Reduction (AIA 2030 Building Standards, Geothermal)	S	SBO*		CARP	EN Prerequisite: Energy & GHG Emissions Management, EN Credit: Energy Efficiency, EN Credit: Grid Harmonization	EA Prerequisite: Minimum Energy Performance, EA Credit: Optimize Energy Performance	Covenants
	Water Resources	Limited Potable Exterior Use		SPRWS			WE Prerequisite: Integrated Water Management, WE Credit: Smart Water Systems	WE Prerequisite and additional credits: Indoor and Outdoor Water Use Reduction	
		Designing for Interior Use Water Conservation and Efficiency		SPRWS		CARP: Water Conservation and Water Quality	WE Prerequisite: Integrated Water Management, WE Credit: Smart Water Systems	WE Prerequisite and additional credits: Indoor and Outdoor Water Use Reduction, Building-Level Metering	Covenants
		Potential Roof Catchment and Reuse	S				WE Prerequisite: Stormwater Management	WE Credit: Integrated Project Water Reuse Strategy	
	Reduced Operational Carbon	Multimodal Transportation Support	T		2, 6, 8, 9	CARP: pp. 55-59; CP: PR-17, T-3, T-22, T-24, T-27	TR Credit: Compact, Mixed Use, and Transit Oriented Development, TR Credit: Walkability & Bikeability, TR Credit: Access to Quality Transit, TR Credit: Alternative Fuel Vehicles, TR Credit: Smart Mobility & Transportation Policy	LT Prerequisite and Credits	
		Passive Site Heating and Cooling Strategies	S				EN Credit: Energy Efficiency	EA Prerequisite: Minimum Energy Performance, EA Credit: Optimize Energy Performance	Covenants
		Renewable Energy Sources	S	SBO*		CARP	EN Credit: Renewable Energy	EA Credit: Renewable Energy	Covenants
Resiliency	Build to Projections	Infrastructure Built to Extreme Rain Events		RWMWD			NS Credit: Resilience Planning	MR Credit	
		Use of Passive Site Cooling Strategies	S				NS Credit: Resilience Planning	MR Credit	
		Systems Planned to Meet Increased Cooling Needs	S				NS Credit: Resilience Planning	MR Credit	
	Adaptable Landscapes	Adaptive Vegetation Recommendations	S				NS Credit: Resilience Planning		
		Extensive Green Infrastructure	S			CP: PR-19	WE Prerequisite: Stormwater Management		
		Limited Impervious Surfaces	S	Zoning Code Sec. 63.314		CARP	NS Prerequisite: Green Spaces		
	Site Emergency Preparedness	On-site Backup Power, Water Storage	S				NS Credit: Resilience Planning	Pilot Credit	
		Storm Shelters Integrated Included in New Development		Building Code Section 423			NS Credit: Resilience Planning		
		Community Communication Strategies					NS Credit: Resilience Planning		

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Social and Human Well Being	Housing	Designed for Multigenerational Needs	Housing Chapter (H)		3, 17, 18		QL Credit: Affordable Housing	LT Credit	
		Affordable, Community Oriented	H		3, 17, 18		QL Credit: Affordable Housing	LT Credit	
	Active Communities	Highly Accessible Parks and Trails	Transportation and Parks Chapters (T&P)		1, 2, 8, 9	CP: PR-1, PR-2, PR-4, PR-17, PR-38	QL Credit: Public Health	LT Credits	
		Multimodal Transportation Support	T	Zoning Code requirements for bicycle storage, TDMP	2, 6, 8, 9	CARP: pp. 55-59; CP: PR-17, T-3, T-22, T-24, T-27	TR Credit: Compact, Mixed Use, and Transit Oriented Development, TR Credit: Walkability & Bikeability, TR Credit: Access to Quality Transit, TR Credit: Alternative Fuel Vehicles, TR Credit: Smart Mobility & Transportation Policy	LT and SS Credits	
		Community Gathering and Event Space	Parks Chapter (P)		12, 13	CP: PR-7, PR-32	QL Prerequisite: Social Infrastructure	LT and SS Credits	
	Economic Opportunity	Diverse, Local Jobs	Land Use Chapter (LU)		4, 16		IN Credit: Economic Growth		Covenants
		Opportunity for Local Entrepreneurship, Small Business, Community Market Spaces	LU & P		5,6		IN Credit: Economic Growth	SS Credit: Places of Respite	Covenants
	Social and Cultural Infrastructure	Range of Shared Community Spaces	T & P		12, 13	CP: PR-1, PR-5, PR-7	QL Prerequisite: Social Infrastructure	SS Credit: Places of Respite	TBD
		Opportunity for Community Personalization and Expression (Public Art, Design Participation, Community Gardens, Community Kitchen, Events Space)	S, L, P		13	CP: PR-7, PR-32	QL Credit: Public Health	SS Credit: Places of Respite	Covenants
	Connection to Nature	Accessible Active and Passive Green Spaces	S, T, P		1, 2, 8, 9, 15	CP: PR-1, PR-2, PR-4, PR-17, PR-38	NS Prerequisite: Green Spaces, QL Credit: Public Health	SS Credit: Open Space	
		Support Mature Vegetation Growth	S					SS Credit: Protect or Restore Habitat	TBD
		Food Production Opportunities	S & P		13	CP: PR-32	QL Credit: Public Health	SS Credit: Places of Respite	
	Urban Conditions	Improved Air Quality	S			CP: H-14	QL Credit: Public Health	EQ Credit	
		Limited Light Pollution	S				NS Credit: Light Pollution Reduction	SS Credit: Light Pollution Reduction	
		Mitigate Urban Heat Island Effects	S			CARP: p. 28	NS Prerequisite: Green Spaces	SS Credit: Heat Island Reduction	

*Sustainable Building Ordinance
applies if more than \$200K in
City financing is contributed to
the project.